

TABLE 73. Total bandwidth, by type of institution: FY 2009  
(Percent distribution)

| Speed                  | Academic institutions |                        |              |         |         | Biomedical institutions |                       |           |
|------------------------|-----------------------|------------------------|--------------|---------|---------|-------------------------|-----------------------|-----------|
|                        | All academic          | Highest degree granted |              | Control |         | All biomedical          | Research institutions | Hospitals |
|                        |                       | Doctorate              | Nondoctorate | Public  | Private |                         |                       |           |
| No bandwidth           | 0                     | 0                      | 0            | 0       | 0       | 2                       | 3                     | 0         |
| Less than 1.6 mb       | 0                     | 0                      | 0            | 0       | 0       | 4                       | 5                     | 0         |
| 1.6 to 9 mb            | 0                     | 0                      | 0            | 0       | 0       | 13                      | 17                    | 6         |
| 10 mb                  | 1                     | 0                      | 2            | 0       | 2       | 6                       | 7                     | 2         |
| 11 to 45 mb            | 6                     | 2                      | 13           | 4       | 8       | 13                      | 11                    | 16        |
| 46 to 99 mb            | 6                     | 4                      | 11           | 5       | 9       | 9                       | 5                     | 16        |
| 100 mb                 | 7                     | 3                      | 14           | 4       | 11      | 16                      | 17                    | 14        |
| 101 to 155 mb          | 8                     | 6                      | 12           | 6       | 11      | 10                      | 9                     | 14        |
| 156 to 622 mb          | 22                    | 21                     | 23           | 21      | 23      | 6                       | 5                     | 6         |
| 623 to 999 mb          | 5                     | 7                      | 1            | 6       | 4       | 1                       | 1                     | 2         |
| 1 to 2.4 gb            | 25                    | 27                     | 23           | 29      | 18      | 17                      | 16                    | 18        |
| 2.5 to 9 gb            | 5                     | 7                      | 0            | 6       | 3       | 2                       | 3                     | 2         |
| 10 gb                  | 4                     | 6                      | 0            | 5       | 2       | 1                       | 1                     | 0         |
| More than 10 gb        | 11                    | 17                     | 0            | 13      | 7       | 1                       | 0                     | 2         |
| Other                  | 0                     | 0                      | 0            | 0       | 0       | 1                       | 1                     | 0         |
| Number of institutions | 495                   | 329                    | 166          | 321     | 174     | 163                     | 114                   | 49        |

DSL = digital subscriber line; ISDN = integrated services digital network; gb = gigabits per second; mb = megabits per second.

NOTES: Details may not add to 100% due to rounding. Data for some institutions show no bandwidth; these institutions may have DSL, modem, or ISDN connections. Total includes bandwidth to commodity Internet (Internet1), Internet2, and National LambdaRail.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.